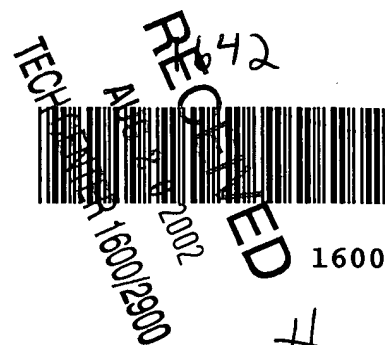1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/700,700

DATE: 08/13/2002
TIME: 14:16:34

Input Set : **A:\dex-105.ST25.txt**
Output Set: **N:\CRF4\08132002\I700700.raw**

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 3 <110> APPLICANT: Ali, Shujath
 4         Salceda, Susana
 5         Sun, Yongming
 6         Cafferkey, Robert
 8 <120> TITLE OF INVENTION: A NOVEL METHOD OF DIAGNOSING, MONITORING, AND STAGING
PROSTATE CANCER
10 <130> FILE REFERENCE: DEX-0105
12 <140> CURRENT APPLICATION NUMBER: 09/700,700
13 <141> CURRENT FILING DATE: 2000-11-20
15 <150> PRIOR APPLICATION NUMBER: PCT/US99/10548
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19 <151> PRIOR FILING DATE: 1998-05-21
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         75 tggagaattt agaatcagaa gtttcctgga gttttcaggc tatcatatat actgtatcct    300
         77 gaaaggcaac ataattcttc cttccctcct tttaaaattt tgtgttcctt tttgcagcaa    360
         79 ttactcacta aagggcttca ttttagtcca gatttttagt ctggctgcac ctaacttatg    420
W--> 81 cctcgcttat ttagcccgag atctggtctt ttttntgtnt tttttttntt tccgtctccc    480
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         85 aaagacatgc atttttaaaa ctaggcaact tcttatttct ttcctttaaa aatacatagc    600
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         91 atgcagagga ggtaagaggt attggatttt cacagaggaa gaacacagcg cagaatgaag    780
         93 ggccaggctt actgaggctg tccagtggag ggctcatggg tgggacatgg aaaagaaggc    840
         95 agcctaggcc ctggggagcc cagtccactg agcaagcaag ggactgagtg agccttttgc    900
         97 aggaaaaggc taagaaaaag gaaaaccatt ctaaaacaca acaagaaact gtccaaatgc    960
         99 tttgggaact gtgtttattg cctataatgg gtccccaaaa tgggtaacct agacttcaga   1020
        101 gagaatgagc agagagcaaa ggagaaatct ggctgtcctt ccattttcat tctgttatct   1080
        103 caggtgagct ggtagagggg agacattaga aaaaaatgaa acaacaaaac aattactaat   1140
        105 gaggtacgct gaggcctggg agtctcttga ctccactact taattccgtt tagtgagaaa   1200
        107 cctttcaatt ttctttattt agaagggcca gcttactgtt ggtggcaaaa ttgccaacat   1260
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        111 atgttcaatg ccacgtgctg ctgacaccga ccggagtact agccagcaca aaaggcaggg   1380
        113 tagcctgaat tgctttctgc tctttacatt tctttttaaaa taagcattta gtgctcagtc   1440
        115 cctactgagt actctttctc tcccctcctc tgaatttaat tctttcaact tgcaatttgc   1500
W--> 117 aaggattaca catttcactg tgatgtatat tgtgttgcag ngaaaagaaa aaagtgtctt   1560
        119 tgtttaaaat tacttggttt gtgaatccat cttgcttttt ccccattgga actagtcatt   1620
        121 aacccatctc tgaactggta gaaaaacatc tgaagagcta gtctatcagc atctgacagg   1680
        123 tgaattggat ggttctcaga accatttcac ccagacagcc tgtttctatc ctgtttaata   1740
        125 aattagtttg ggttctctac atgcataaca aaccctgctc caatctgtca cataaaagtc   1800
        127 tgtgacttga agtttagtca gcacccccac caaacttttat ttttctatgt gtttttttgca   1860
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        131 ggccgccgac tagtga                                                   1936
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        144 tcatgcgtcc agccttgtcc cttctgacct gggccctacc cacggggaaa tgttcccata    180
        146 gcagaagaat cagccccaca gtgcaggggt gtgttagtgg ggaacgggct ctgggctcct    240
        148 gtgggaacca gggaccccct atcttggtac cggtcattgg atgtatcccc agctcatgcc    300
        150 tgtgtctgtc ttggcccgtg tggtcaccct gtgttcatct ctctcccagc catggcctct    360
        152 caaactgggg ttttcgtctc cctatgaggg ggtcctggta tgtacgcgtt cggtgggccc    420
        154 gcggtgcatg tctcccggtg cagtgcatgc tggggttccc tggggccctg ggcccctcgt    480
        156 aggatagaca gagcctgtcc taaccttccg gaagtgcatg ctggggaggc cccttgcctg    540
        158 ctgaccttct gtgctcagga cgactaatcg gccacatgac caccactctg tcccatggga    600
        160 ttcctagaga agtctcacta agagcccagc acactca                            637
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RAW SEQUENCE LISTING   DATE: 08/13/2002
PATENT APPLICATION: US/09/700,700   TIME: 14:16:34

Input Set : A:\dex-105.ST25.txt
Output Set: N:\CRF4\08132002\I700700.raw

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176 <222> LOCATION: (1480)..(1480)
177 <223> OTHER INFORMATION: n=a, c, g or t
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182 <222> LOCATION: (1532)..(1532)
183 <223> OTHER INFORMATION: n=a, c, g or t
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219 ccacagccat cctaggagaa aggcagaatg tcataatttg ctaaaaggga tgctgaggct   120
221 ctgggaggga aagggacttg cctaaagccc cagggtgaag cagcatctct ggactcccag   180
223 tccagtgatc ttgcccaata ctttgctgct tgcctatacc cctctaactt ggtcaacagc   240
225 acatcacagg gcaagcccaa tccctgcttc atttttatat atgggcgctg gtccacagcc   300
227 ccactctcca gccatttgga aacaaaaaca gatgctattg ttcttcctta gagaacgtgg   360
229 ccagtggaga cggcacactg gaaatcagag tgaatgttct tgaaagaggg tcacgggtca   420
231 acaaggccca gccaaaggat gcagtagaac cattttcctt agaaatcttt gggagtgaag   480
233 taggcttcag ccactaccca tccctgccct tgcggctacc actaccccat tagtttagac   540
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237 tctgtcctag ctcaggtctg ggtgccattc tttacactcg tgtgctcgct cacgcacaca   660
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RAW SEQUENCE LISTING   DATE: 08/13/2002
PATENT APPLICATION: US/09/700,700   TIME: 14:16:34

Input Set : A:\dex-105.ST25.txt
Output Set: N:\CRF4\08132002\I700700.raw

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      245 gcccccggga ctgggctagg agttggacgg aatggaggat ggaggacagc gagaagaaag    900
      247 gaagagaaat gcaaagtgtg ggcagccgcc aagagtgaaa atagagggaa gtgtcatgca    960
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      251 acctccagga ctcagtgatc cctggggggc aggctctgcc agccctcggc cacacgtggc   1080
      253 tccggcaccc atggtcccag tgccttggat ggagacggcc agttctggcg gccagatgtg   1140
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      257 ctgcattcag cccctactta cctggggacc ccggctgggg cacaagagca ccagggggt   1260
      259 agggcccaaa gggatcaggg gaagcctctg gcctggaggg tatggggcac gcttccccaa   1320
      261 gggcggaccc ggcaggagga agcccaggag ctgggtcctg ccgcccagga gctgggccct   1380
      263 gccacccagg ccgggctagg gacatggcag ggcctgggca tcctgacgct ggacttgggc   1440
W--> 265 gacctgggag gcacagggag gggagagatg ggcggccccn acccagcgca gtgccggcca   1500
W--> 267 caccccaagg cggttgccag agcttaaggc cnggccccag caggagaaca tcccagctcc   1560
W--> 269 annnnnccnc nccgcagcca gtgctccttg tcaagctccc cccgtcactc caggtgggag   1620
W--> 271 ccaccccggt naggggtgt gccacttgcc cccagggcac tcctctgggc atcccgggtg   1680
      273 ggggattttg gggccgtggg gggcagtctc tggtacctgt gtgcgtcagg gatgctctgc   1740
      275 acctgcaacc aggtgtcgtc cacgggcggg ggcatgggca tggtgacagt ggtcctgttg   1800
      277 atgtcaccga tgatgctgag cgcctccttc agcgcgtggt gcatgtgcag catctcgtcg   1860
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      281 atattggcca gcggctccga gatgatgaac tccggggtct gagagtgggc aaacagggaa   1980
      283 gaaggttggg acctggtgcc tgtgccgccc tggctgcctt gctgggccct tctgggactg   2040
      285 tgcgctggac ttggagcccc ttggagtatg gcttttcaca cgggcttcta taccgcttcg   2100
      287 actggaagat ccacctcccc actgcctttt ctcactcaga tggggacacc gaggtccaga   2160
      289 ggaaaagaca cctgtcaaat gtcacagatc tgggagggga cttaagacct atcatgccaa   2220
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W--> 293 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn   2340
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      303 gctctgggga ccaagcaatg tcctctggtg aaaaaaatcc tggacttgct ggcagaagat   2640
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      324 cttttctat attaaaaaat attattttct cttttaaat gtaaagcatt cctattgtga    180
      326 agaattgaga aaatacagaa aagtacaaag aaaaacatta cctacaactc caccatccgt    240
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 08/13/2002
PATENT APPLICATION: US/09/700,700   TIME: 14:16:35

Input Set : A:\dex-105.ST25.txt
Output Set: N:\CRF4\08132002\I700700.raw

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:3; N Pos. 2279,2280,2281,2282,2283,2284,2285,2286,2287,2288,2289,2290
Seq#:3; N Pos. 2291,2292,2293,2294,2295,2296,2297,2298,2299,2300,2301,2302
Seq#:3; N Pos. 2303,2304,2305,2306,2307,2308,2309,2310,2311,2312,2313,2314
Seq#:3; N Pos. 2315,2316,2317,2318,2319,2320,2321,2322,2323,2324,2325,2326
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Seq#:7; N Pos. 268,688,700
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